

In re Patent Application of:

BAGWELL ET AL

Serial No. **09/932,640**

Filed: **AUGUST 17, 2001**

IN THE SPECIFICATION:

Please replace the paragraph bridging pages 2 and 3, beginning at line 20, with the following rewritten paragraph:

This is customarily accomplished by robbing one of the DS0 channels of the T1 link and using the robbed channel to conduct a supervisory management/control session with a respectively addressed piece of communication equipment. To accommodate the possibility of an interruption in service over its associated T1 link, each site employs an auxiliary (reduced bandwidth and speed) Basic Rate Interface (BRI) link 18, (dial-back) access to which is afforded via an Integrated services digital network (ISDN) Service Unit (ISU) 19, which is coupled to the T1 Service Unit (TSU) 20 for the T1 link of interest. At the host/master data terminal 10, the various T1 links 12 are also terminated at respective local TSU/ISU pairs 22/23. The local TSU/ISU pairs 22/23 are daisy-chained to the host site's supervisory communication processor 2413 via a serial control link 26.

Please replace the paragraph beginning at page 10, line 7, with the following rewritten paragraph:

As described briefly above, using the data link protocol of the DS0 channel structure of Figure 3 (to be described) for data transfers across the robbed in-band (8 Kbps) DS0 channel of a respective T1 channel 12, the remote digital communication service unit management mechanism of the invention establishes a management session and then forwards user commands to a respectively addressed remote device. In response to these user commands, the identified remote device returns response messages back to the IAD, which forwards ~~then~~them on to the local user SNMP terminal 34. However, unlike dedicating the robbed in-band

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DSO channel to conduct only one device management session at a time, as in the architecture of Figure 1, once a management session has been established in the system of Figure 2, because the robbed channels are distributed (multiplexed) among all of the remote devices, they are available for additional sessions with other units at the same time, depending upon user invoked activity with respectively identified remote devices from the SNMP workstation.